

## A P P E N D I X II:

THE AMENDED CLAIM (clean version):

(currently amended) A process for producing foam sheets with a density of from 20 to 200 g·l<sup>-1</sup> and with a cross section of at least 50 cm<sup>3</sup> by extrusion and foaming of a mixture made from a styrene polymer, from 3 to 15% by weight of graphite particles, based in each case on the styrene polymer, optionally with conventional additives, which comprises using a volatile blowing agent which is a mixture made of

from 95 to 30% by weight of CO<sub>2</sub>,

from 5 to 70% by weight of H<sub>2</sub>O, and

from 0 to 60% by weight of a volatile organic compound.